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FIG. 1 (a)

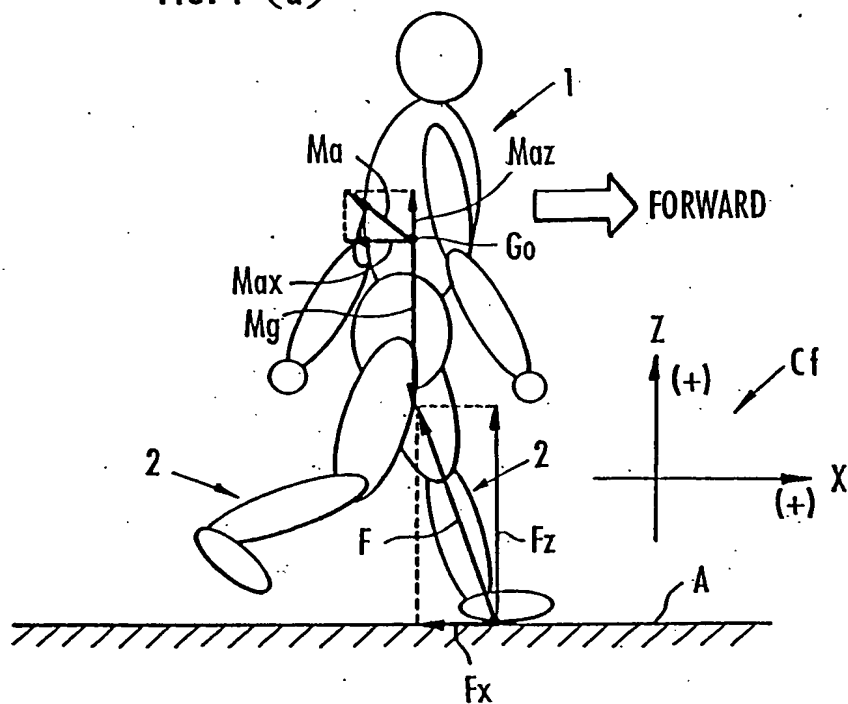
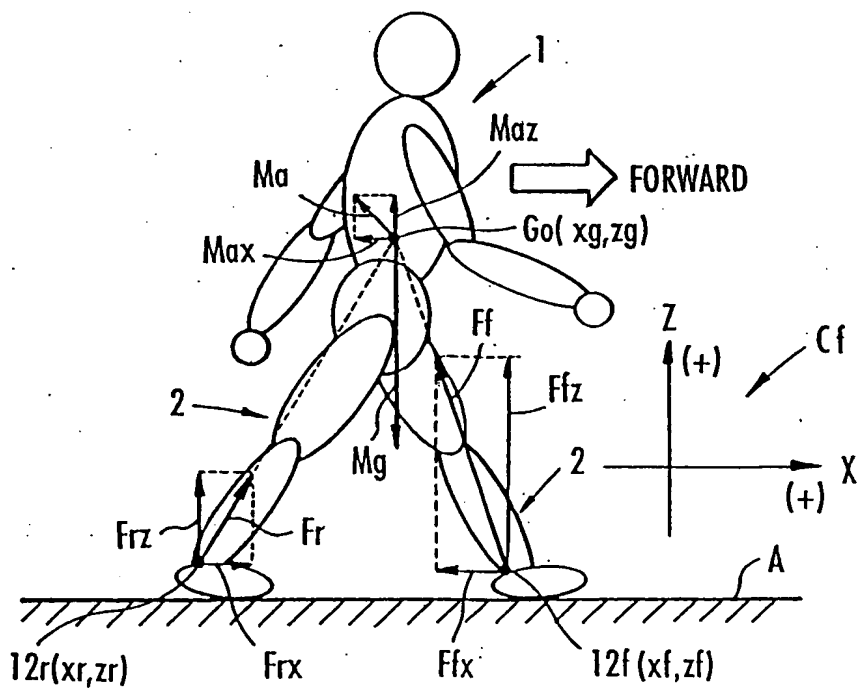
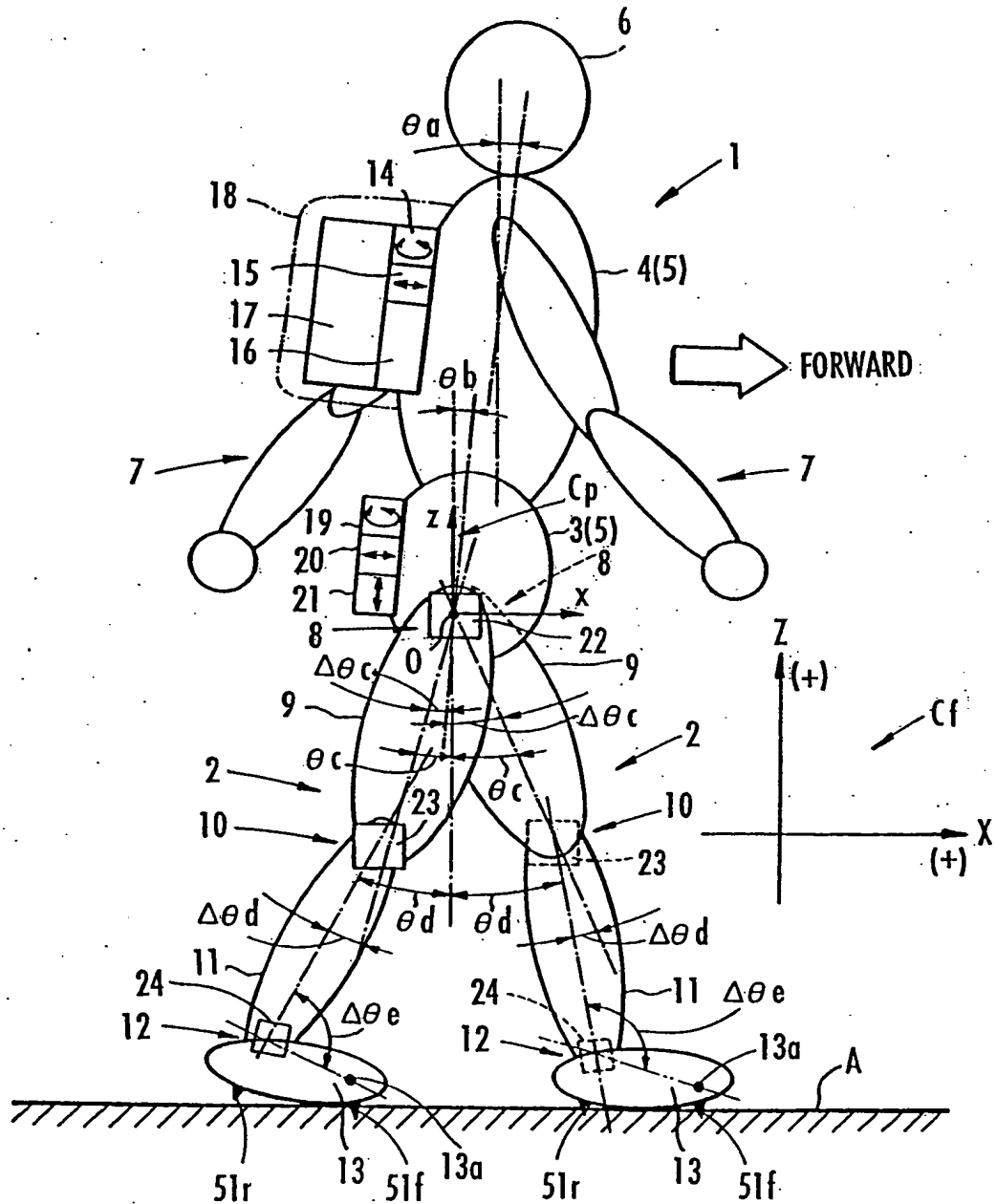


FIG. 1 (b)



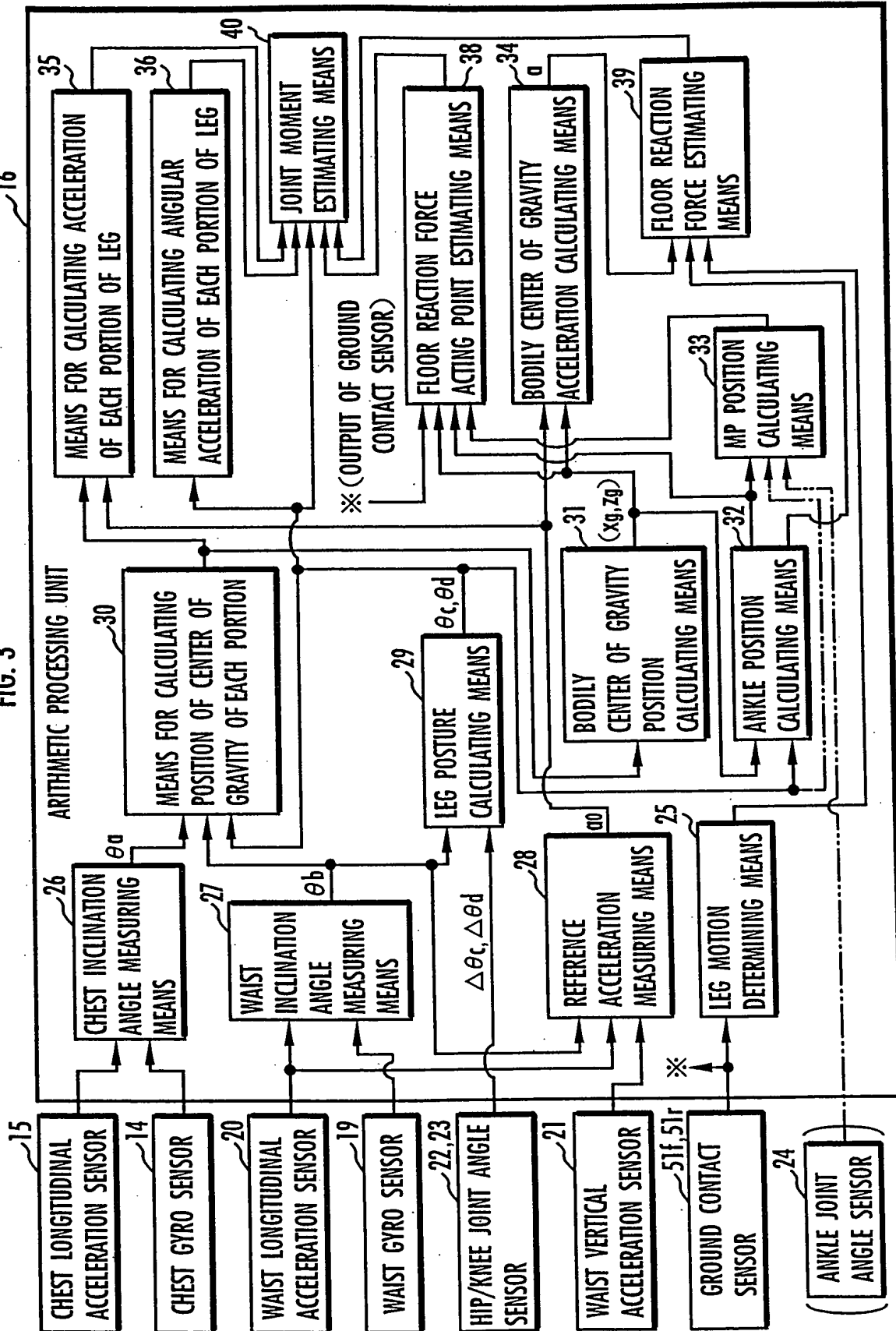
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FIG.2



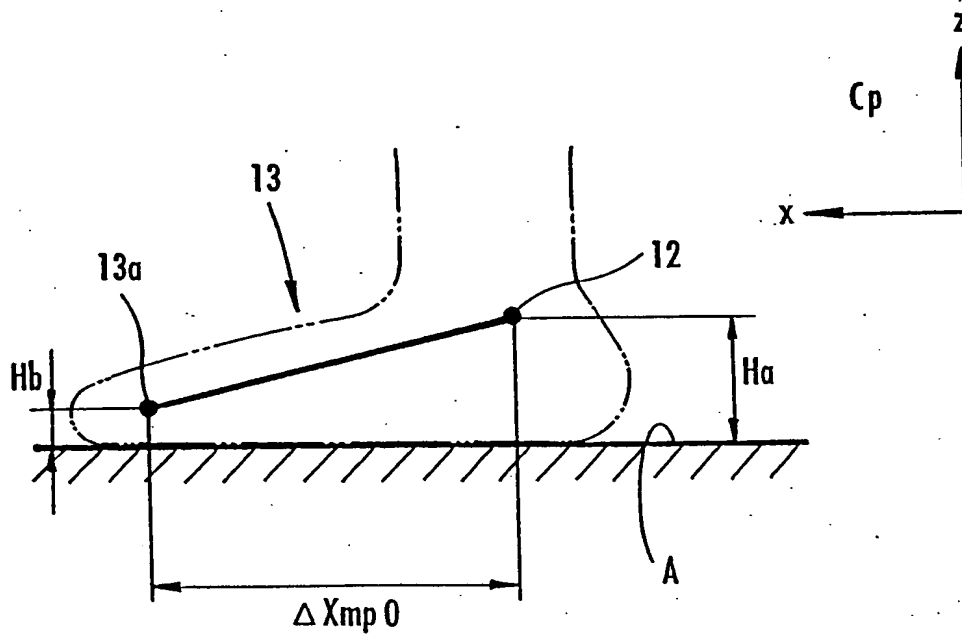
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FIG. 3



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FIG. 5



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FIG. 6 (a)

DIRECTLY BELOW ANKLE GROUND CONTACT SENSOR : ON
 DIRECTLY BELOW MP GROUND CONTACT SENSOR : OFF

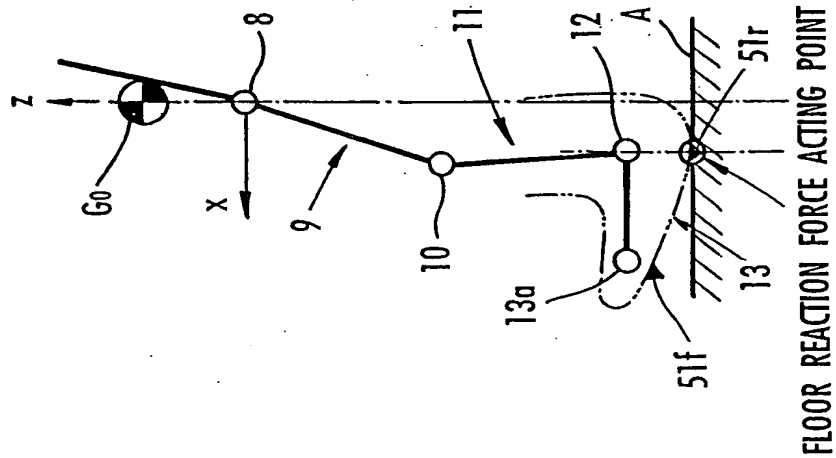
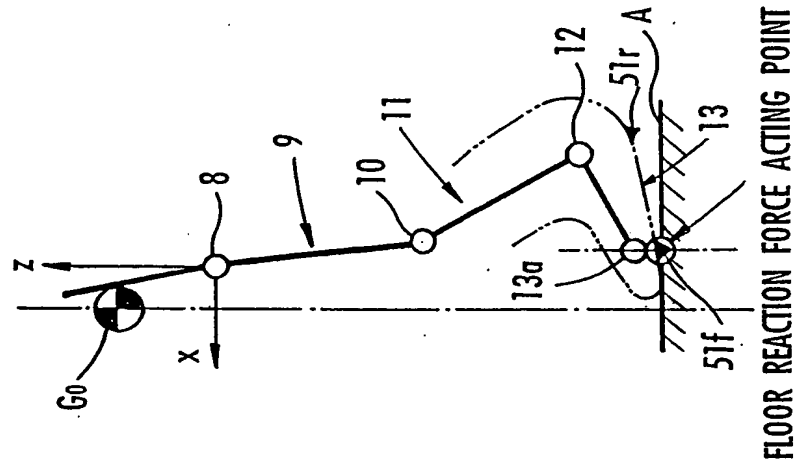


FIG. 6 (b)

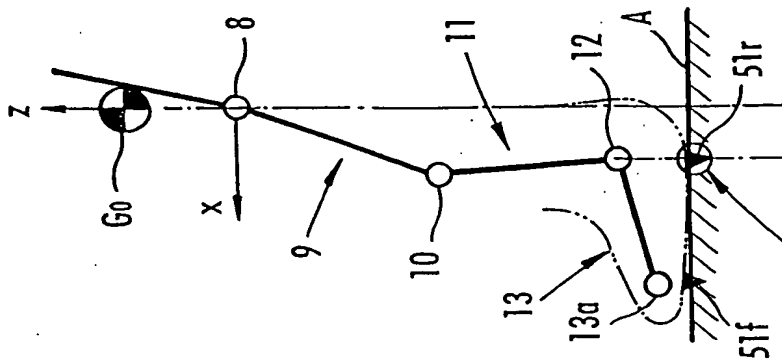
DIRECTLY BELOW ANKLE GROUND CONTACT SENSOR : OFF
 DIRECTLY BELOW MP GROUND CONTACT SENSOR : ON



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FIG. 7 (a)

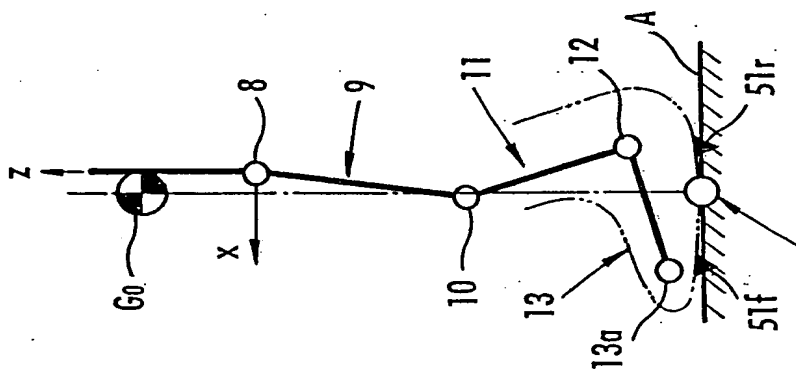
DIRECTLY BELOW ANKLE
 GROUND CONTACT SENSOR : ON
 DIRECTLY BELOW MP
 GROUND CONTACT SENSOR : ON



FLOOR REACTION FORCE ACTING POINT

FIG. 7 (b)

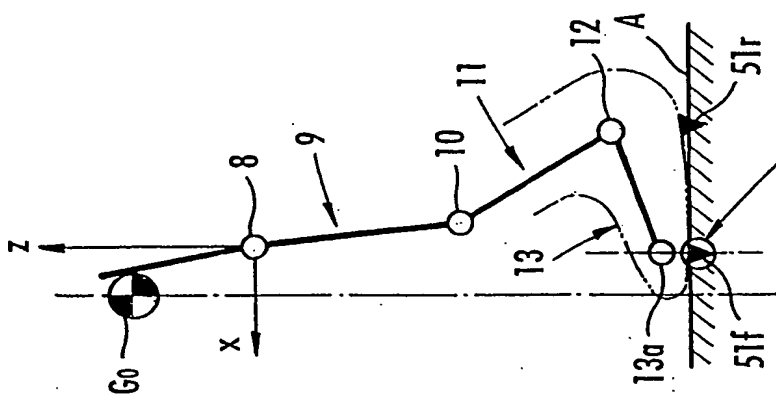
DIRECTLY BELOW ANKLE
 GROUND CONTACT SENSOR : ON
 DIRECTLY BELOW MP
 GROUND CONTACT SENSOR : ON



FLOOR REACTION FORCE ACTING POINT

FIG. 7 (c)

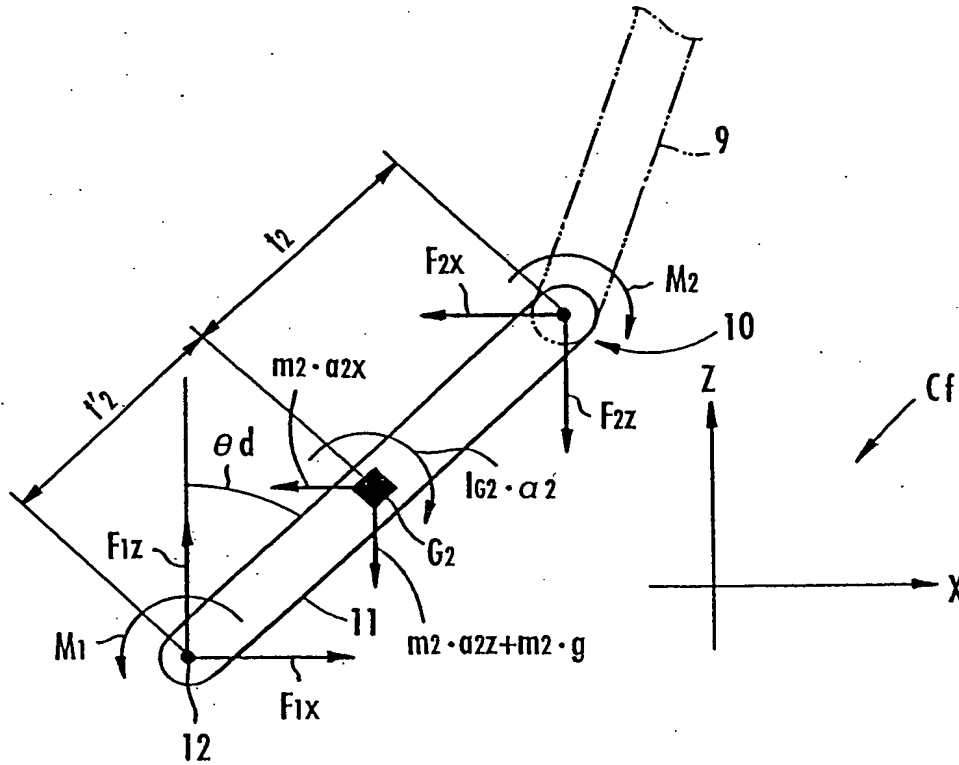
DIRECTLY BELOW ANKLE
 GROUND CONTACT SENSOR : ON
 DIRECTLY BELOW MP
 GROUND CONTACT SENSOR : ON



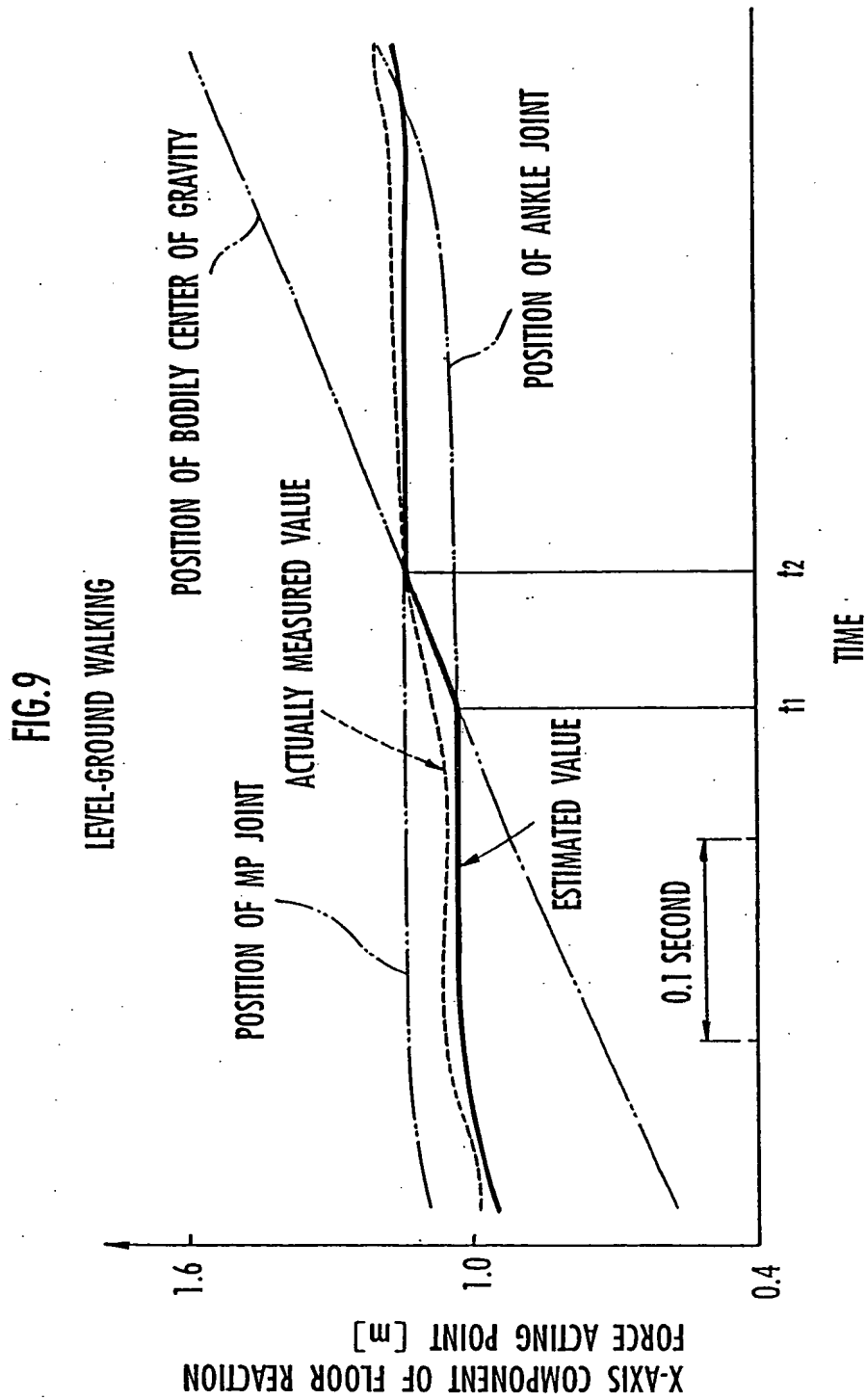
FLOOR REACTION FORCE ACTING POINT

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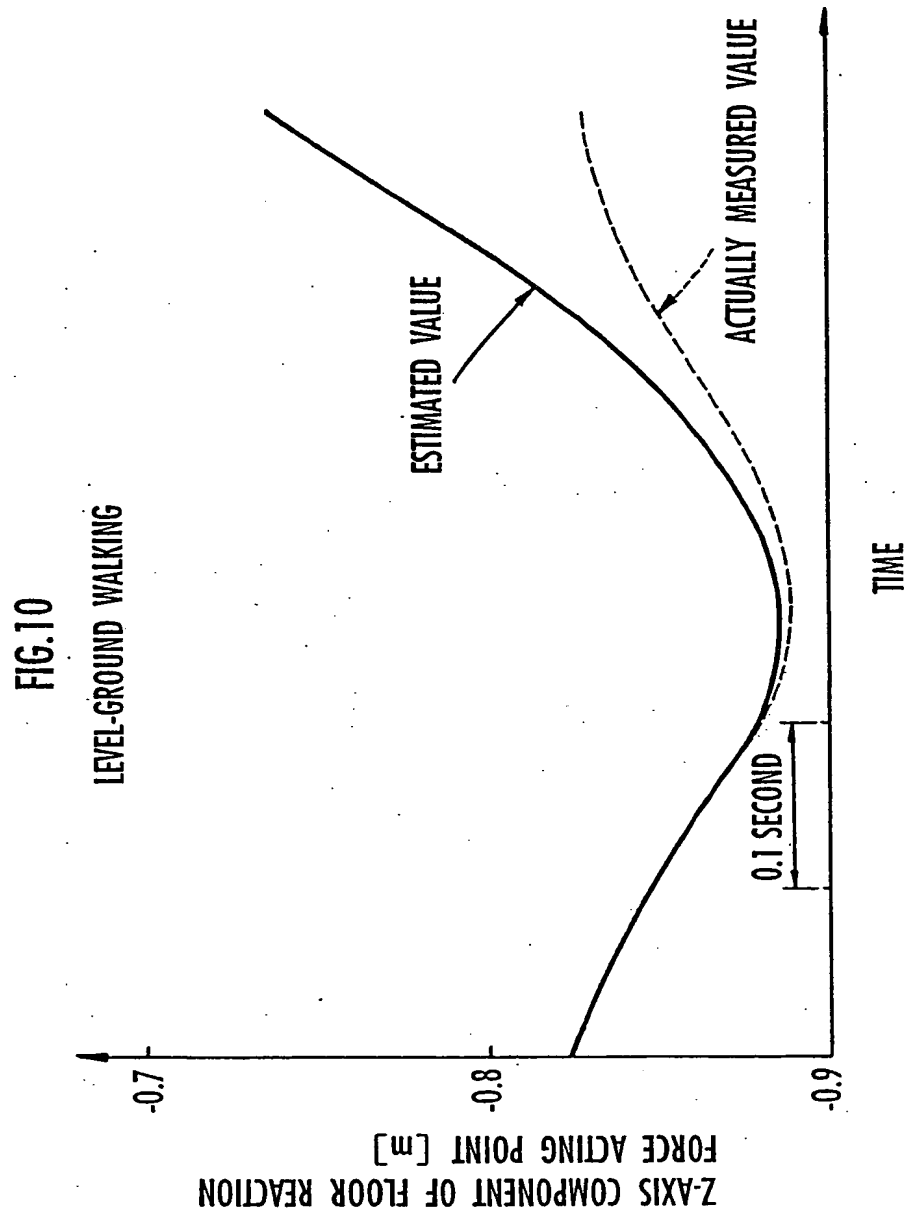
FIG. 8



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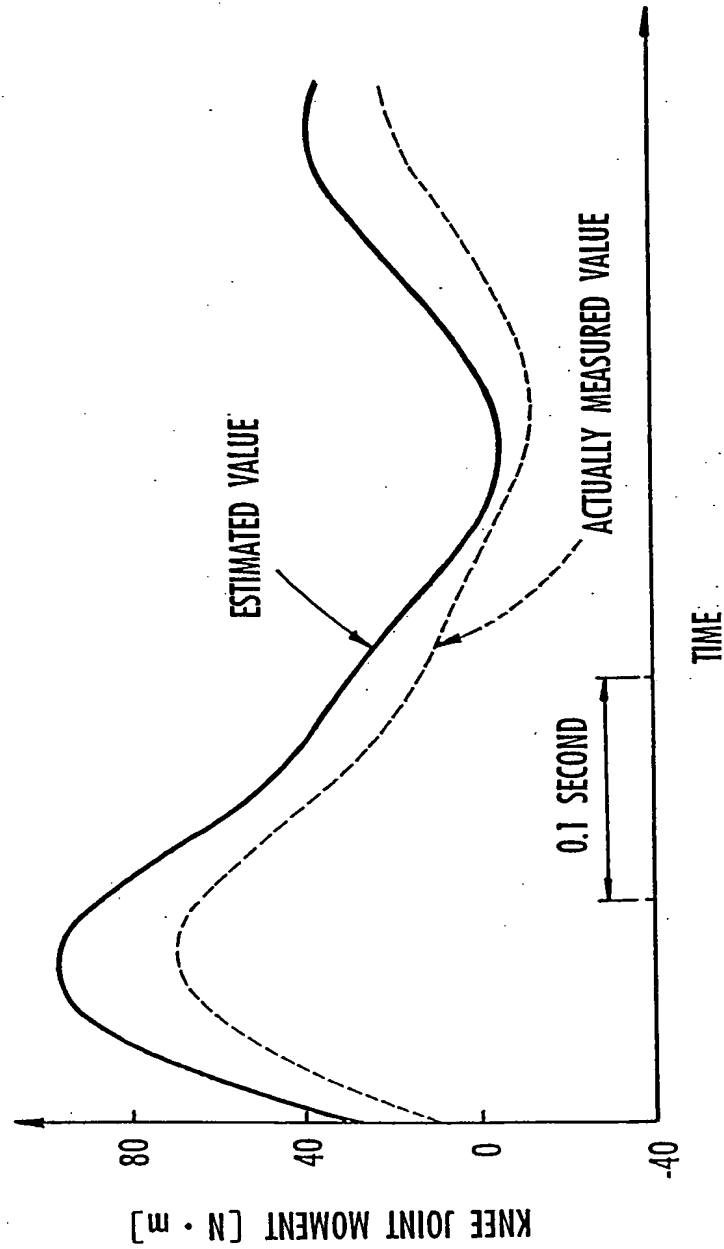


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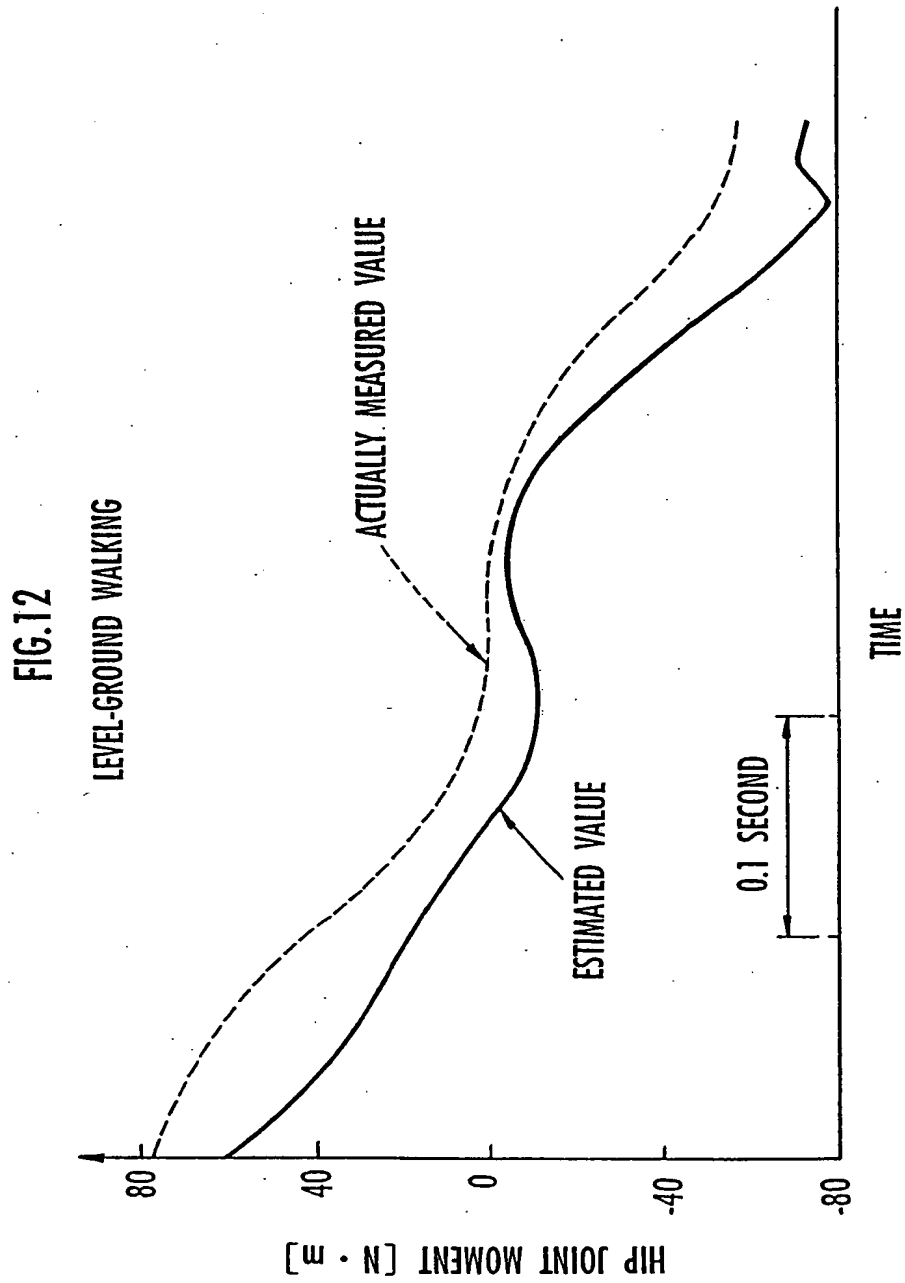


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FIG.11
LEVEL-GROUND WALKING

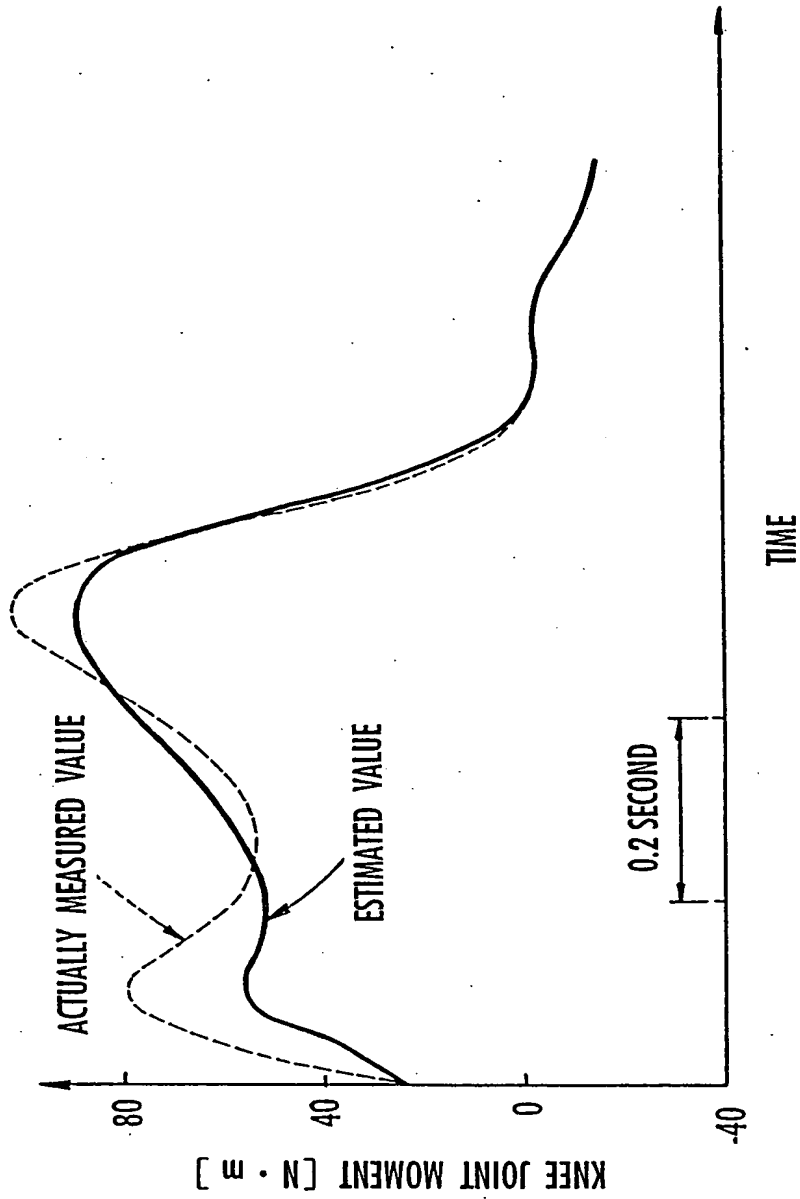


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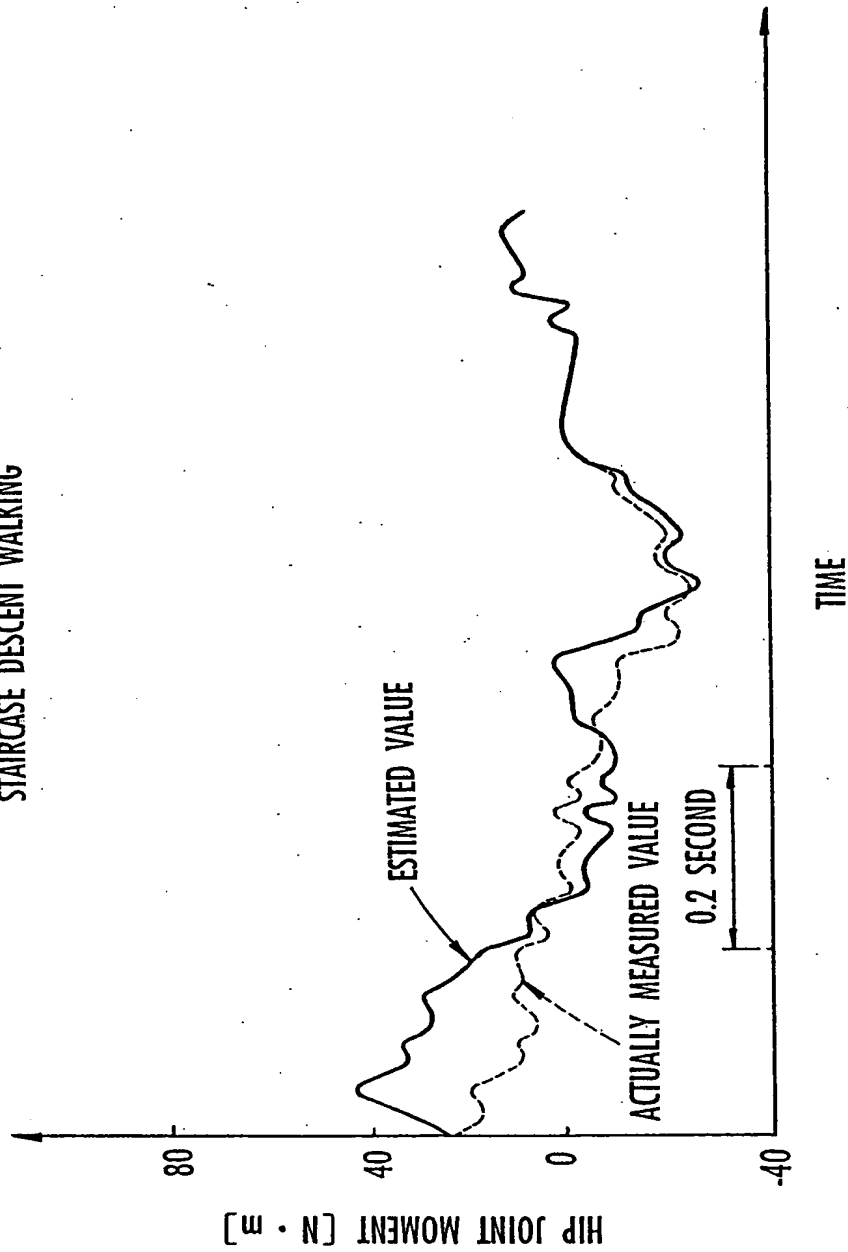
FIG.13
STAIRCASE DESCENT WALKING



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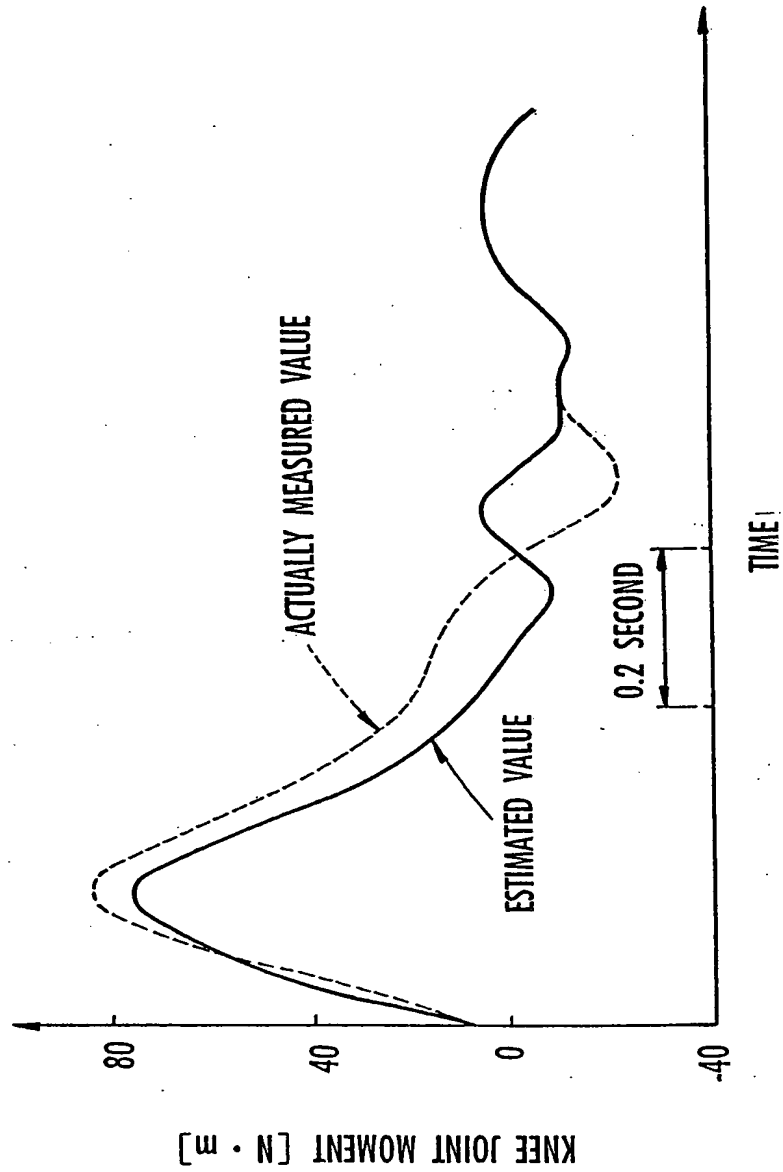
FIG.14

STAIRCASE DESCENT WALKING



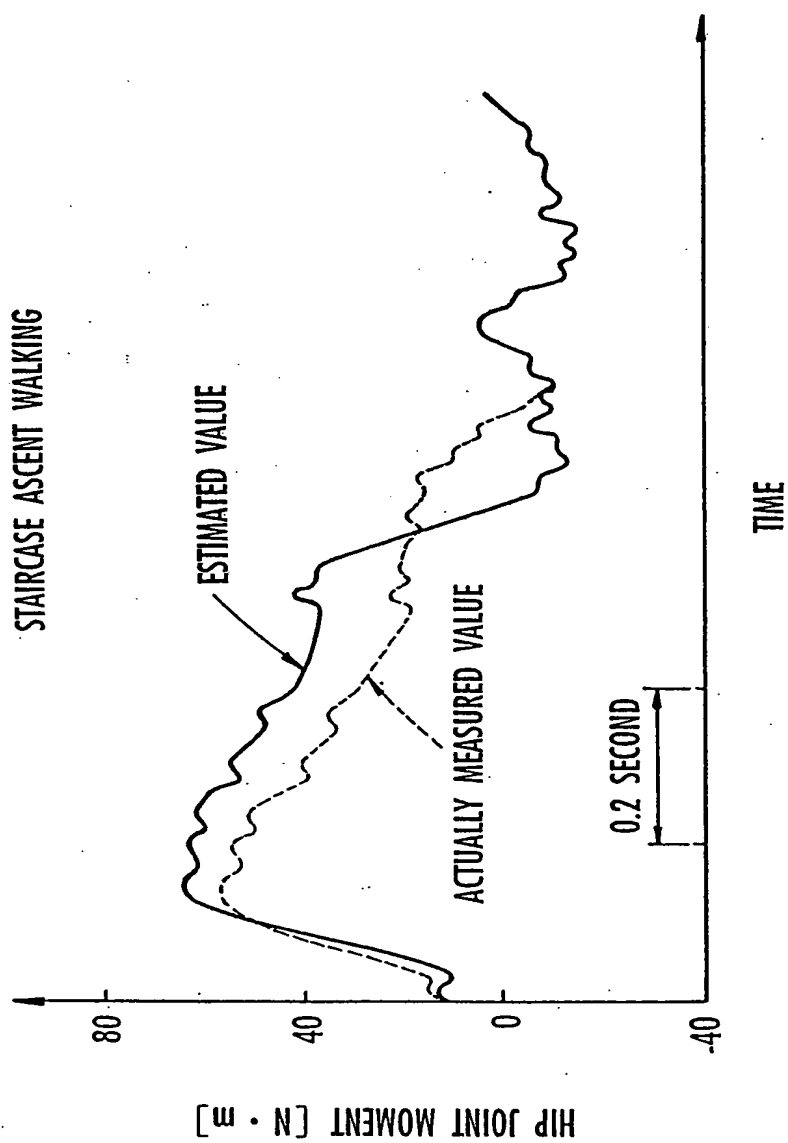
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FIG.15
STAIRCASE ASCENT WALKING



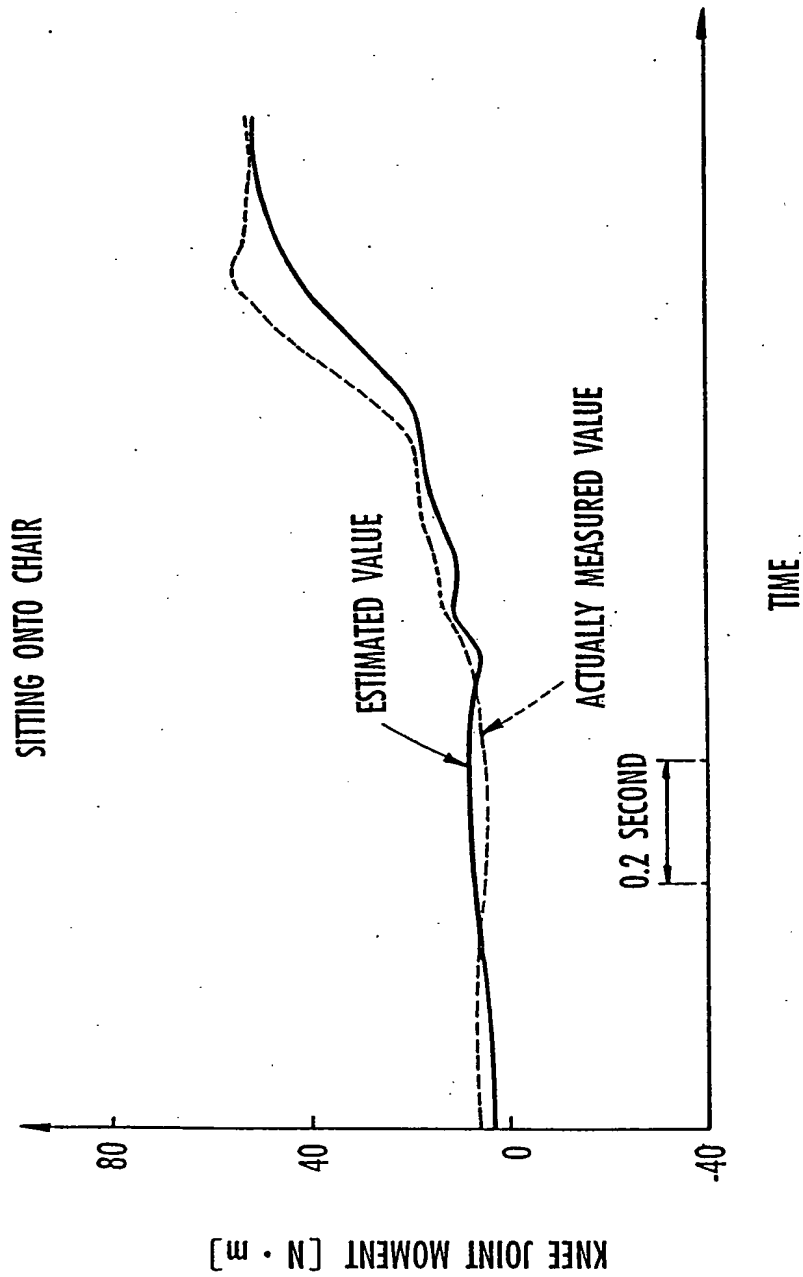
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FIG.16

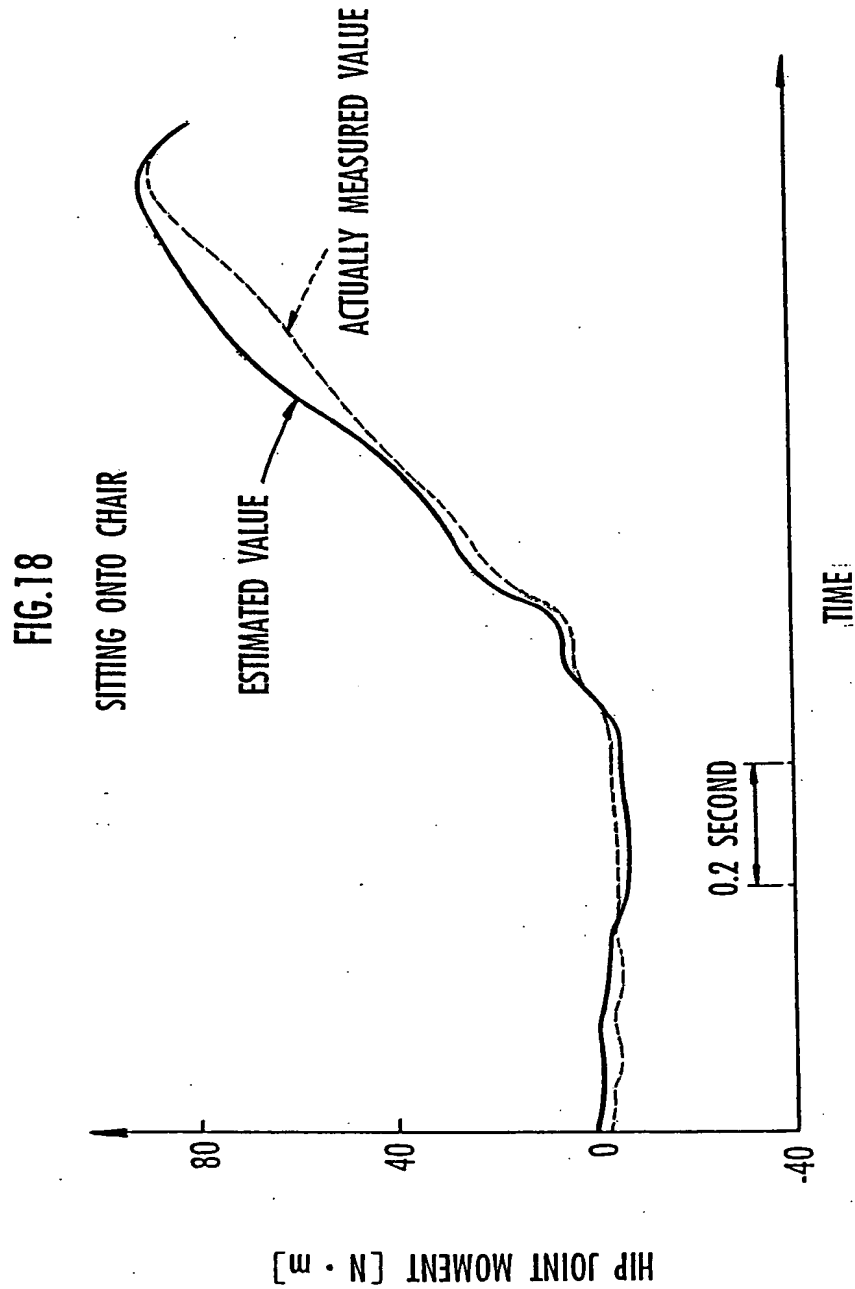


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FIG. 17

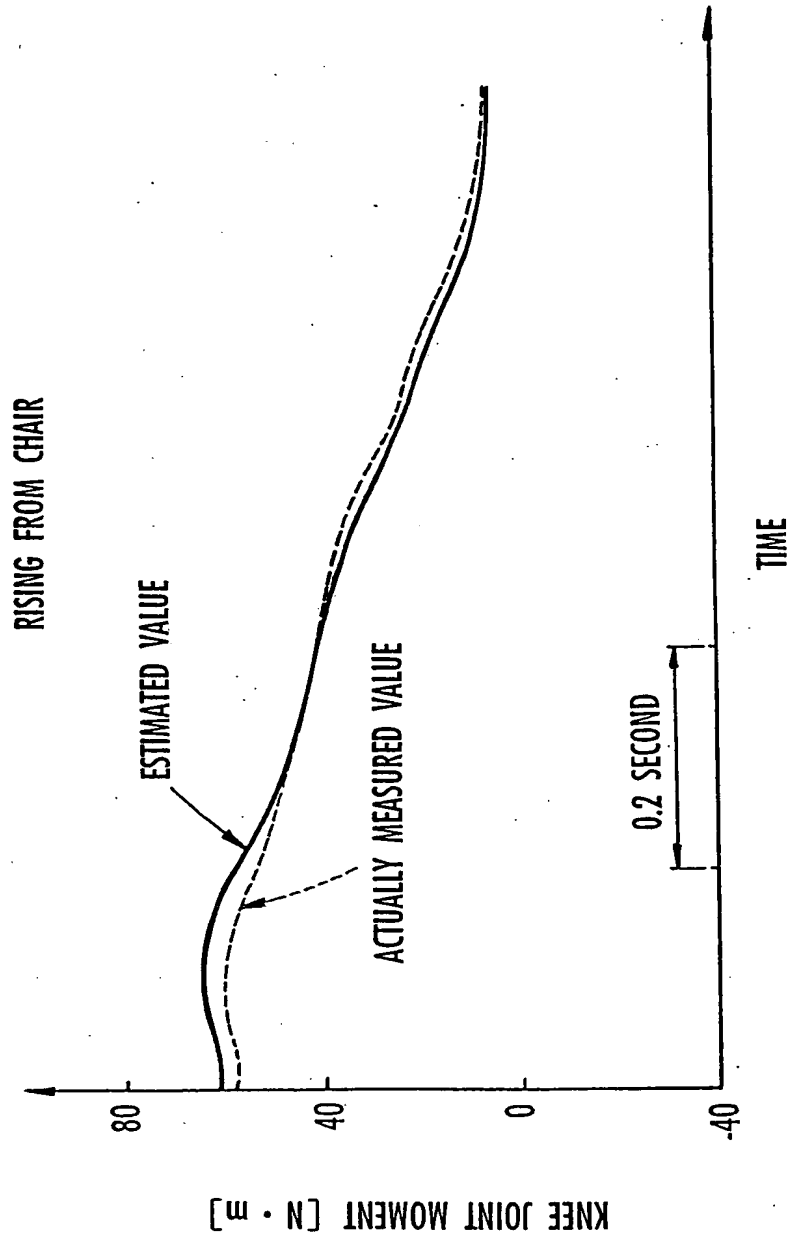


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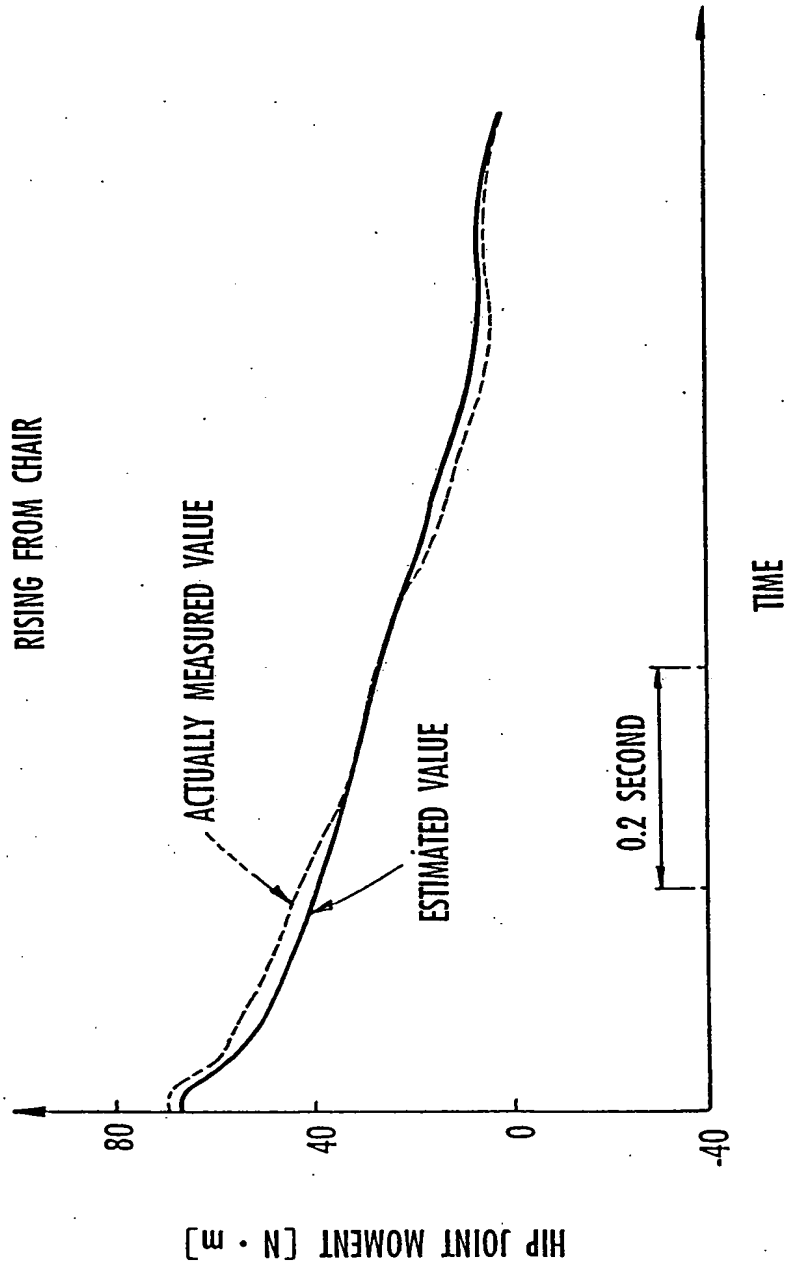
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FIG. 19



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FIG. 20



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FIG. 21

